ACCURACY PERFORMANCE ACCOUNTABILITY

Transit Matching Case Study

Gary Hirsch, PSI

Scenario 1
Australia

Page: 1

U U
U U
U U
U U
UUUUU

SHIPMENTS to United States of America reported by Australia which the Agency has been unable to match

Current Period: 20120701 thru 20120930 as of 20121201

A SSSSS
A A S
A A SSSSS
AAAAA S
A A SSSSS

-------RN-------	--EN--	ZK	---DV---	-MF-	-FT-	-KC-	-------BN-------	-IQ-	-MD-	EC/IC	-----EW/IW-----	MB	CN	--TR--	--TE--
143	2		20120814	AS-D	U	2	N208D1	1	D31F	E	737.190g	T	Y		
										G	444.830g				
143	3		20120814	AS-D	U	2	N208D2	1	D31A	E	767.340g	T	Y		
										G	463.610g				
143	4		20120814	AS-D	U	2	N18101	1	GQGB	E	515.960g	M	Y		
										G	479.830g				
143	5		20120814	AS-D	U	2	N010	1	B32F	E	189.040g	T	Y		
										G	151.230g				

Scenario 1
Australia

UNCLASSIFIED

NMMSS REPORT TJ-023IE

U. S. NUCLEAR MATERIALS MANAGEMENT AND SAFEGUARDS SYSTEM
TRANSACTION DATA
TRANSACTION DATA REQUESTED TRANSACTION SERIES DETAIL (U)

PAGE 2 OF 4

REPORT DATE 05/14/2013 <GENERATED BY ACTION DATE >

RUNTIME 05/14/2013 15:53:27

SRIS	RRIS MTL	TRANS# ELEMENT-WT	CR# ISOTOPE-WT	PC	AC	LCT	FROM TO WEIGHT%	TRNAUTH/CONT-FROM OC	NOI	PROJECT#	CONT-TO COMP	CCNTY#	ACTDATE USE	KM	MI	VT	BATCH-NO	PROCDATE	LN#	CAPDATE OBL	CNTRY
RAUH	XXX	00001001		C	A	1	RAUH														
	20	1,544.000	932.000				60.3600	J	1		291		08/17/2012					201208		09/06/2012	
	20	1,544.000	932.000																1		
																	1		33		

UNCLASSIFIED

TJ-023IE-FAC-RAUH-REQ-20130514-0001.xml

Scenario 1
Australia

UNCLASSIFIED

NMMSS REPORT TJ-023IE

U. S. NUCLEAR MATERIALS MANAGEMENT AND SAFEGUARDS SYSTEM
TRANSACTION DATA
TRANSACTION DATA REQUESTED TRANSACTION SERIES DETAIL (U)

PAGE 2 OF 4

REPORT DATE 05/14/2013 <GENERATED BY ACTION DATE >

RUNTIME 05/14/2013 15:55:17

SRIS	RRIS MTL	TRANS# ELEMENT-WT	CR# ISOTOPE-WT	PC	AC	LCT	FROM TO WEIGHT%	TRNAUTH/CONT-FROM OC	NOI	PROJECT#	CONT-TO COMP	CCNTY#	ACTDATE USE	KM	MI	VT	BATCH-NO	PROCDATE	LN#	CAPDATE OBL	CNTRY
RAUD	XXX	00001001		C	A	1	RAUD														
	20	516.000			480.000		93.0000	J	1		291		08/17/2012					201208		09/06/2012	
	20	516.000			480.000														1		
																		1	31		

UNCLASSIFIED

TJ-023IE-FAC-RAUD-REQ-20130514-0002.xml

Scenario 2
Mexico

Page: 6

SHIPMENTS to United States of America reported by Mexico which the Agency has been unable to match

Current Period: 20120701 thru 20120930 as of 20121201

RN	EN	ZK	DV	MF	FT	KC	BN	IQ	MD	EC/IC	EW/IW	MB	CN	TR	TE
182	30		20120223	MX-A	U	2	8832	1	B51G	E	180.180g	M	*		
182	31		20120223	MX-A	U	2	8841	1	B51G	G	123.270g				
182	32		20120223	MX-A	U	2	8850	1	B51G	E	180.010g	M	*		
182	33		20120223	MX-A	U	2	8823	1	B51G	G	123.170g				
182	34		20120223	MX-A	U	2	8867	1	B51G	E	180.190g	M	*		
182	35		20120223	MX-A	U	2	8848	1	B51G	G	123.280g				
182	36		20120223	MX-A	U	2	8836	1	B51G	E	180.280g	M	*		
182	37		20120223	MX-A	U	2	8824	1	B51G	G	123.350g				
182	38		20120223	MX-A	U	2	8996	1	B51G	E	180.140g	M	*		
182	39		20120223	MX-A	U	2	8829	1	B51G	G	123.260g				
182	40		20120223	MX-A	U	2	8833	1	B51G	E	179.930g	M	*		
182	41		20120223	MX-A	U	2	8997	1	B51G	G	123.110g				
182	42		20120223	MX-A	U	2	7563	1	B51G	E	180.050g	M	*		
182	43		20120223	MX-A	U	2	8837	1	B51G	G	123.210g				
182	44		20120223	MX-A	U	2	7520	1	B51G	E	180.160g	M	*		
182	45		20120223	MX-A	U	2	8842	1	B51G	G	123.260g				
182	46		20120223	MX-A	U	2	7521	1	B51G	E	151.530g	M	*		
182	47		20120223	MX-A	U	2	8849	1	B51G	G	103.670g				
182	48		20120223	MX-A	U	2	8835	1	B51G	E	181.030g	M	*		
182	49		20120223	MX-A	U	2	8843	1	B51G	G	123.870g				
182	50		20120223	MX-A	U	2	8993	1	B51G	E	180.150g	M	*		
182	51		20120223	MX-A	U	2	8846	1	B51G	G	123.260g				
182	52		20120223	MX-A	U	2	8852	1	B51G	E	150.950g	M	*		
182	53		20120223	MX-A	U	2	8847	1	B51G	G	103.280g				
182	54		20120223	MX-A	U	2	7517	1	B51G	E	179.260g	M	*		
										G	122.660g				
										E	179.790g	M	*		
										G	123.020g				
										E	178.960g	M	*		
										G	122.440g				
										E	179.820g	M	*		
										G	123.030g				
										E	178.880g	M	*		
										G	122.400g				
										E	179.700g	M	*		
										G	122.950g				
										E	179.550g	M	*		
										G	122.840g				
										E	179.880g	M	*		
										G	123.080g				
										E	151.740g	M	*		
										G	103.820g				
										E	180.400g	M	*		
										G	123.430g				
										E	179.420g	M	*		
										G	122.760g				
										E	179.920g	M	*		
										G	123.100g				
										E	179.360g	M	*		
										G	122.710g				

Scenario 2
Mexico

Page: 7

U U
U U
U U
U U
UUUUU

M M X X
M M X X
MM MM X
M M M X X
M M X X

SHIPMENTS to United States of America reported by Mexico which the Agency has been unable to match

Current Period: 20120701 thru 20120930 as of 20121201

-------RN-------	--EN--	ZX	---DV---	-MF-	-FT-	-KC-	-------BN-------	-IQ-	-MD-	EC/IC	-----EW/IW-----	MB	CN	--TR--	--TE--
182	55		20120223	MX-A	U	2	8851	1	B51G	E	179.890g	M	*		
										G	123.090g				
182	56		20120223	MX-A	U	2	8838	1	B51G	E	179.470g	M	*		
										G	122.800g				
182	57		20120223	MX-A	U	2	8840	1	B51G	E	179.510g	M	*		
										G	122.820g				
182	58		20120223	MX-A	U	2	8844	1	B51G	E	179.850g	M	*		
										G	123.060g				

Scenario 2
Mexico

UNCLASSIFIED

NMMSS REPORT TJ-023IE

PAGE 2 OF 4

U. S. NUCLEAR MATERIALS MANAGEMENT AND SAFEGUARDS SYSTEM
TRANSACTION DATA
TRANSACTION DATA REQUESTED TRANSACTION SERIES DETAIL (U)

REPORT DATE 05/14/2013 <GENERATED BY ACTION DATE >

RUNTIME 05/14/2013 15:56:29

SRIS	RRIS MTL	TRANS# ELEMENT-WT	CR# ISOTOPE-WT	PC	AC	LCT FROM TO WEIGHT%	TRNAUTH/CONT-FROM OC	NOI	PROJECT#	CONT-TO COMP	CCNTY#	ACTDATE USE	KM	MI	VT	BATCH-NO	PROCDATE	LN#	CAPDATE OBL	CNTRY
RMEG	YYY	00001001		A	A	2 RMEG						02/23/2012					201202		03/15/2012	
	20	5,162.000	3,491.000			67.6252	J	29		392								1		
	50	2.000	2.000			4.3757	J	29		392								2		

UNCLASSIFIED

TJ-023IE-FAC-RMEG-REQ-20130514-0003.xml

Scenario 3
Great Britian

Page: 8

SHIPMENTS to United States of America reported by United Kingdom of Great Britain and Northern Ireland which the Agency has been unable to match

Previous Periods: 19820101 thru 20120630 as of 20121201

RN	EN	ZK	DV	MF	FT	KC	BN	IQ	MD	EC/IC	EW/IW	MB	CN	TR	TE
2601	8		19980619	QCAS	U	2	48EL7888	1	LFCF	N	24.069k	M		2599	9
3024	162		20081108	QCAS	U	2	434125	1	LFCF	E	171.000g	M	*		
3024	163		20081108	QCAS	U	2	433633	1	LFCF	G	1,510881.000g	M	*		
3024	164		20081108	QCAS	U	2	434578	1	LFCF	E	66645.000g	M	*		
3024	165		20081108	QCAS	U	2	434668	1	LFCF	G	1,508920.000g	M	*		
3131	201		20110705	QCAS	U	2	AN80000897	8	LFFF	E	74194.000g	M	*		
										G	1,510069.000g	M	*		
										E	48851.000g	M	*		
										G	1,506216.000g	M	*		
										E	47837.000g	M	*		
										G	88.000g	M	*		
											59.000g				

Scenario 3
Great Britian

UNCLASSIFIED

NMMSS REPORT TJ-023IE

PAGE 2 OF 8

U. S. NUCLEAR MATERIALS MANAGEMENT AND SAFEGUARDS SYSTEM
TRANSACTION DATA
TRANSACTION DATA REQUESTED TRANSACTION SERIES DETAIL (U)

REPORT DATE 05/14/2013 <GENERATED BY ACTION DATE >

RUNTIME 05/14/2013 16:02:53

SRIS	RRIS MTL	TRANS# ELEMENT-WT	CR#	PC ISOTOPE-WT	AC	LCT FROM TO WEIGHT%	TRNAUTH/CONT-FROM OC	NOI	PROJECT#	CONT-TO COMP	CCNTY#	ACTDATE USE	KM	MI	VT	BATCH-NO	PROCDATE	LN#	CAPDATE OBL	CNTRY
RUDL	ZZZ	00000126		A	A	4						10/24/2008					200810		11/13/2008	
	20	1,511,422.000		74,906.000		4.9560	J	1		103								1		
	20	1,508,447.000		74,744.000		4.9550	J	1		103								2		
	20	1,509,258.000		74,799.000		4.9560	J	1		103								3		
	20	1,507,973.000		74,750.000		4.9570	J	1		103								4		
	20	6,037,100.000		299,199.000													1		92	
	20	6,037,100.000		299,199.000													1		92	
	20	6,037,100.000		299,199.000													1		92	
	20	6,037,100.000		299,199.000													1		92	

UNCLASSIFIED

TJ-023IE-FAC-RUDL-REQ-20130514-0007.xml

Scenario 4
EURATOM

Page: 9

SHIPMENTS to United States of America reported by *EURATOM* which the Agency has been unable to match

Current Period: 20120701 thru 20120930 as of 20121201

RN	EN	ZK	DV	MF	FT	KC	BN	IQ	MD	EC/IC	EW/IW	MB	CN	TR	TE
828	25		20120724	WAMB	U	2	K61942	1	QSOF	P	73.600g	M	*		
1057	378		20120918	WUD1	U	2	UREU102675	1	LFCF	E	1509934.000g	M	*		
1057	380		20120918	WUD1	U	2	21266-040	1	LFCF	G	66347.000g	M	*		
1057	382		20120918	WUD1	U	2	UREU102674	1	LFCF	E	1505337.000g	M	*		
1057	384		20120918	WUD1	U	2	UREU102536	1	LFCF	G	66175.000g	M	*		
2018	384		20120510	WUR1	U	2	041U100024	1	LFCF	E	1511016.000g	M	*		
2018	385		20120510	WUR1	U	2	041U100021	1	LFCF	G	66545.000g	M	*		
2018	386		20120510	WUR1	U	2	041U100022	1	LFCF	E	1510137.000g	M	*		
2018	387		20120510	WUR1	U	2	041U100023	1	LFCF	G	66703.000g	M	*		
										E	509593.000g	M	*		
										G	75122.000g	M	*		
										E	508852.000g	M	*		
										G	74779.000g	M	*		
										E	510002.000g	M	*		
										G	74896.000g	M	*		
										E	511557.000g	M	*		
										G	75019.000g	M	*		

Scenario 4
EURATOM

UNCLASSIFIED

NMMSS REPORT TJ-023IE

PAGE 3 OF 21

U. S. NUCLEAR MATERIALS MANAGEMENT AND SAFEGUARDS SYSTEM
TRANSACTION DATA
TRANSACTION DATA REQUESTED TRANSACTION SERIES DETAIL (U)

REPORT DATE 05/14/2013 <GENERATED BY ACTION DATE >

RUNTIME 05/14/2013 16:04:48

SRIS	RRIS MTL	TRANS# ELEMENT-WT	CR#	PC ISOTOPE-WT	AC	LCT FROM TO WEIGHT%	TRNAUTH/CONT-FROM OC	NOI	PROJECT#	CONT-TO COMP	CCNTY#	ACTDATE USE	KM	MI	VT	BATCH-NO	PROCDATE LN#	CAPDATE OBL CNTRY
RGSC	YYY	00000055		A	A	4						09/18/2012					201209	09/27/2012
	20	1,510,543.000		66,298.000		4.3890	J	1		103							1	
	20	1,509,461.000		66,401.000		4.3990	J	1		103							2	
	20	1,506,892.000		66,394.000		4.4060	J	1		103							3	
	20	1,506,756.000		66,071.000		4.3850	J	1		103							4	
	20	6,033,652.000		265,164.000													1	91
	20	6,033,652.000		265,164.000													1	91
	20	6,033,652.000		265,164.000													1	91
	20	6,033,652.000		265,164.000													1	91

UNCLASSIFIED

TJ-023IE-FAC-RGSC-REQ-20130514-0008.xml

US Response to IAEA

United States
Import Communication 2013-02-14

Australia (AS)		US Reporting		
Report Number	Entry Number		Report Number	Entry Number
143	2-5	ICR-207	Received at facility UXXX will be included on 201304 ICR-207	

Mexico (MX)		US Reporting		
Report Number	Entry Number		Report Number	Entry Number
182	30-58	ICR-207	422	3-4

Great Britain (Q)		US Reporting		
Report Number	Entry Number		Report Number	Entry Number
3024	162-165	ICR-288-ZZZ	348	146-149

EURATOM (W)		US Reporting		
Report Number	Entry Number		Report Number	Entry Number
1057	378-384	ICR-288-YYY	402	124-127

5/14/2013 5:19 PM

Transit Matching Case Study

- Questions?